

## Message Text

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PAGE 01 STATE 032336

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ORIGIN NASA-02

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DRAFTED BY NASA/I/BARBARA G. GARNER

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FM SECSTATE WASHDC

TO AMEMBASSY MEXICO

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E.O. 11652: N/A

TAGS: TSPA

SUBJECT: NASA GRANTEE TO PARTICIPATE IN STUDY OF POSSIBLE  
METEORITIC IMPACT CRATERS

1. PROFESSOR SUSAN W. KIEFFER OF GEOLOGY DEPARTMENT, UCLA,  
HAS BEEN INVITED BY ROMAN ALVAREZ, PROFESSOR OF GEOPHYSICS  
CUIDAD UNIVERSITARIA ON BEHALF OF INSTITUTO DE GEOFISICA TO  
PARTICIPATE IN FIELD TRIP FEBRUARY 16-23 TO PUEBLA STATE TO STUDY  
POSSIBLE METEORITE IMPACT CRATERS. SHE HAS ALSO BEEN INVITED TO  
GIVE TWO TALKS AT INSTITUTO'S SEMINARY ON IMPACT CRATERS.  
INSTITUTO WILL PROVIDE DOLS 200 TOWARD HER EXPENSES.
2. ALVAREZ IS A PRINCIPAL INVESTIGATOR IN NASA'S LUNAR  
SAMPLE PROGRAM. KIEFFER IS STUDYING METEORITE IMPACT PHENOMENA  
UNDER NASA GRANT NSG 7052. SOME SMALL AMOUNT OF GRANT MONEY  
HAS BEEN APPROVED IN CONNECTION WITH THIS TRIP.
3. BASED ON AVAILABLE DATA, QUITE POSSIBLE THAT TEPEXITL  
SITE IS METEORITE IMPACT CRATER IN BASALT AND SAMPLES FROM  
CRATER WOULD BE VALUABLE ANALOGS TO SHOCKED LUNAR BASALTS  
SHE IS STUDYING FOR NASA.
4. PLAN IS THAT ANY ROCK MATERIAL SHIPPED WILL BE DONE BY  
ALVAREZ. KIEFFER HAS BEEN ADVISED BY NASA OFFICIALS TO NOT

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PAGE 02 STATE 032336

REPEAT NOT ATTEMPT EXPORT OF SAMPLES HERSELF.

5. ABOVE SUPPLIED AS BACKGROUND INFO FOR EMBASSY USE SHOULD  
QUESTIONS/PROBLEMS ARISE IN CONNECTION WITH SUBJECT TRIP AND  
ANY SUBSEQUENT SHIPMENT OF ROCK MATERIALS.  
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## Message Attributes

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**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** GEOLOGY, SCIENTIFIC VISITS, INVITATIONS, GRANTS, STUDIES, SPACE FRAGMENTS  
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**Disposition Approved on Date:**  
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**Disposition Case Number:** n/a  
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